

1	ABC 2	DEF 3
GHI 4	JKL 5	MNO 6
PRS 7	TUV 8	WXY 9
*	OPER 0	#

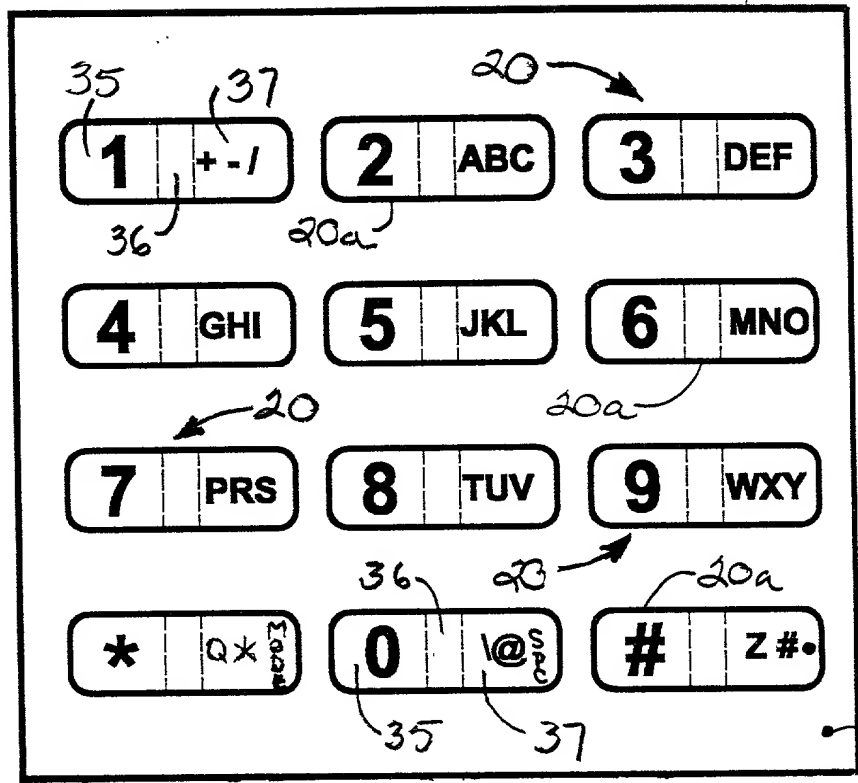
FIG. 1
PRIOR ART

600420 E924060

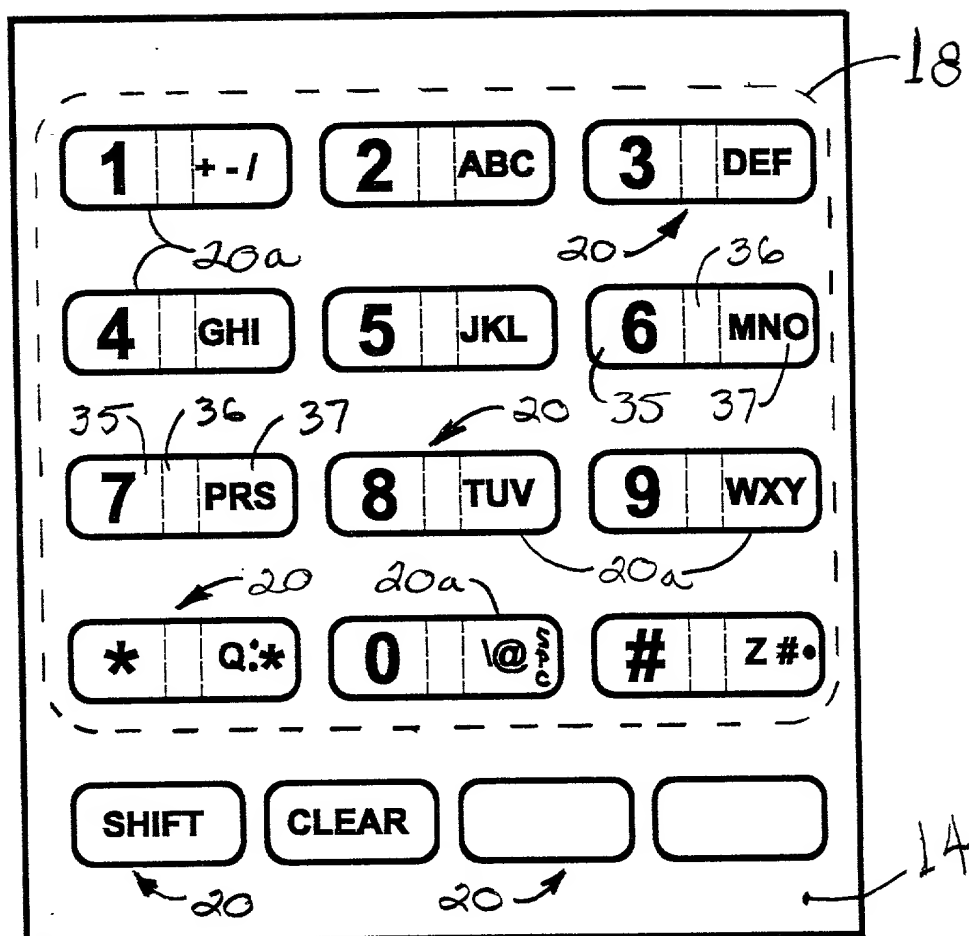
10

Fig. 2A

18



10



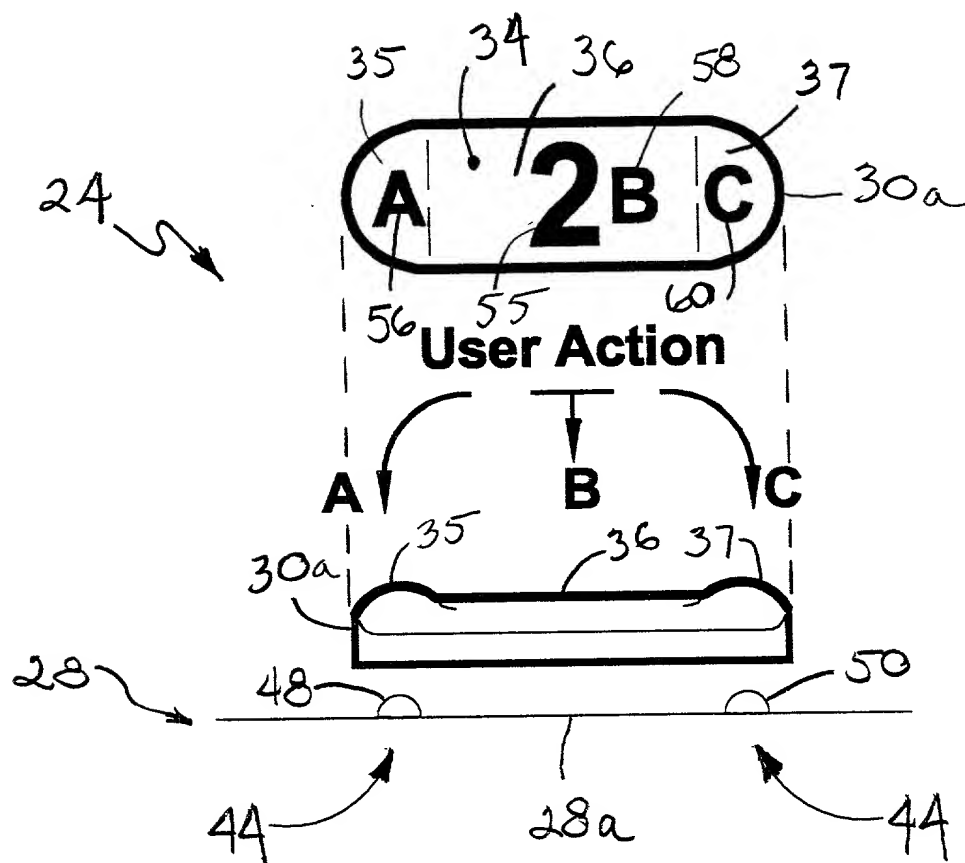


FIG. 3A

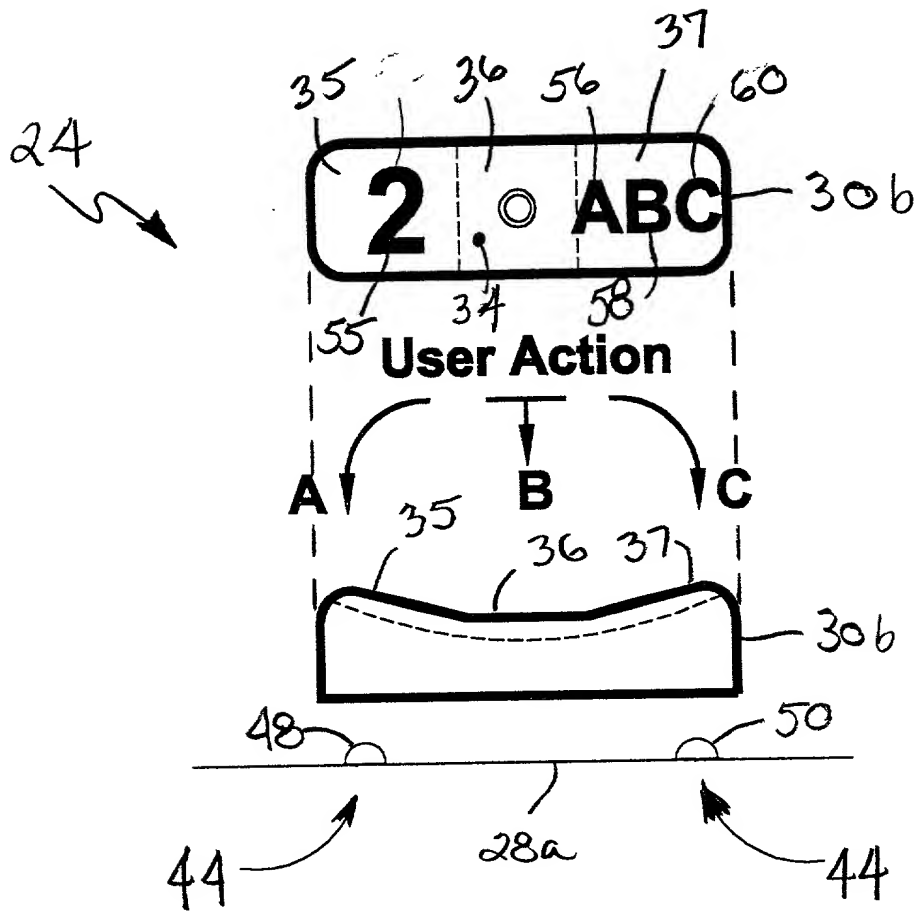


FIG. 3B

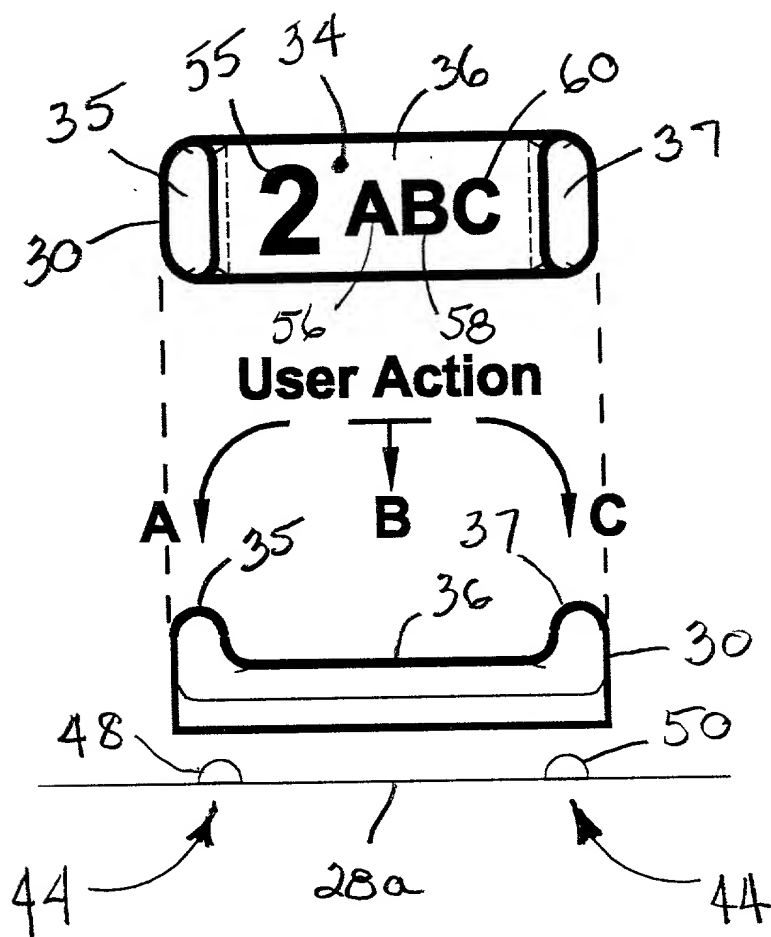


FIG. 3C

FIG. 3D

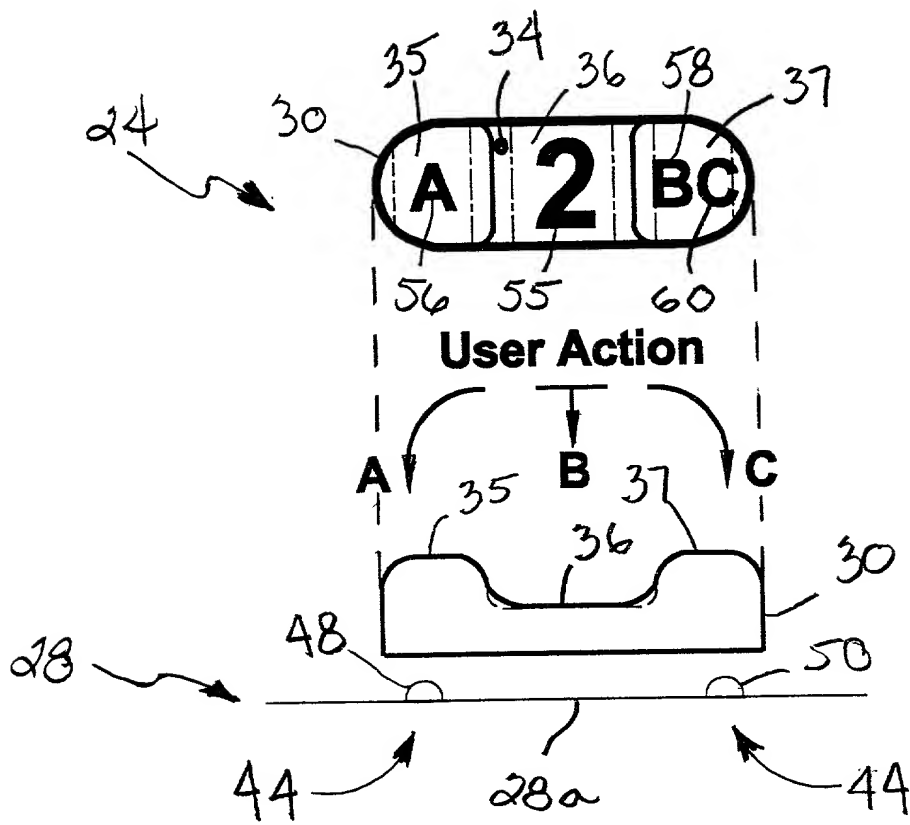


FIG. 3E

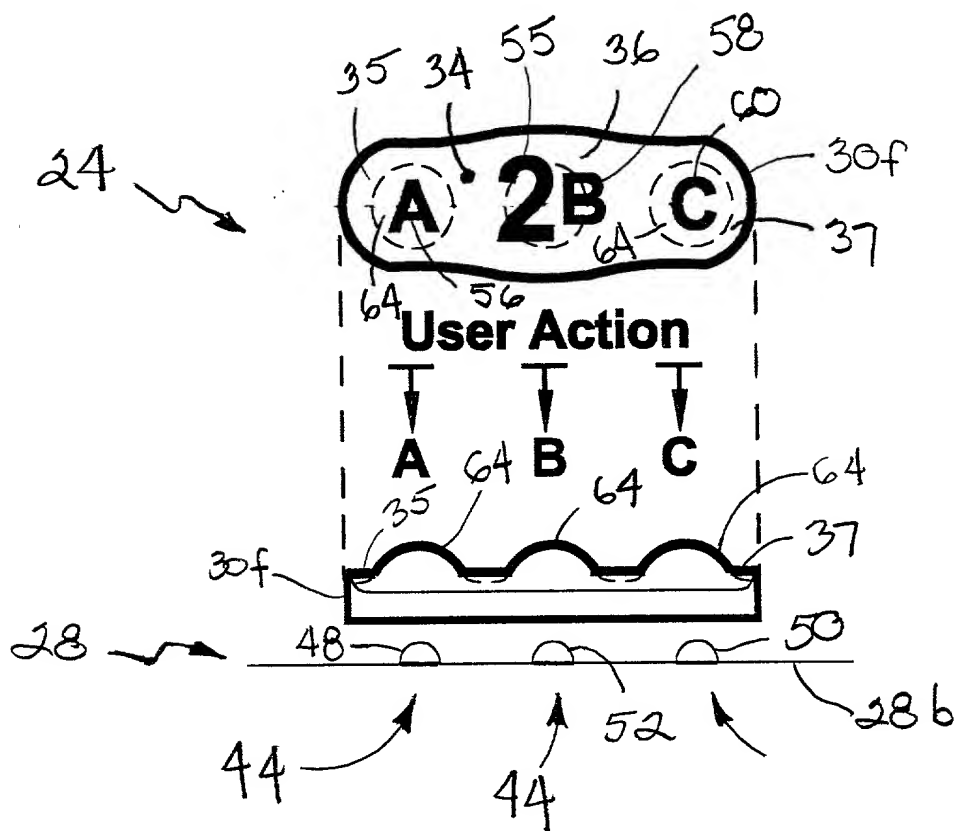


FIG. 4A

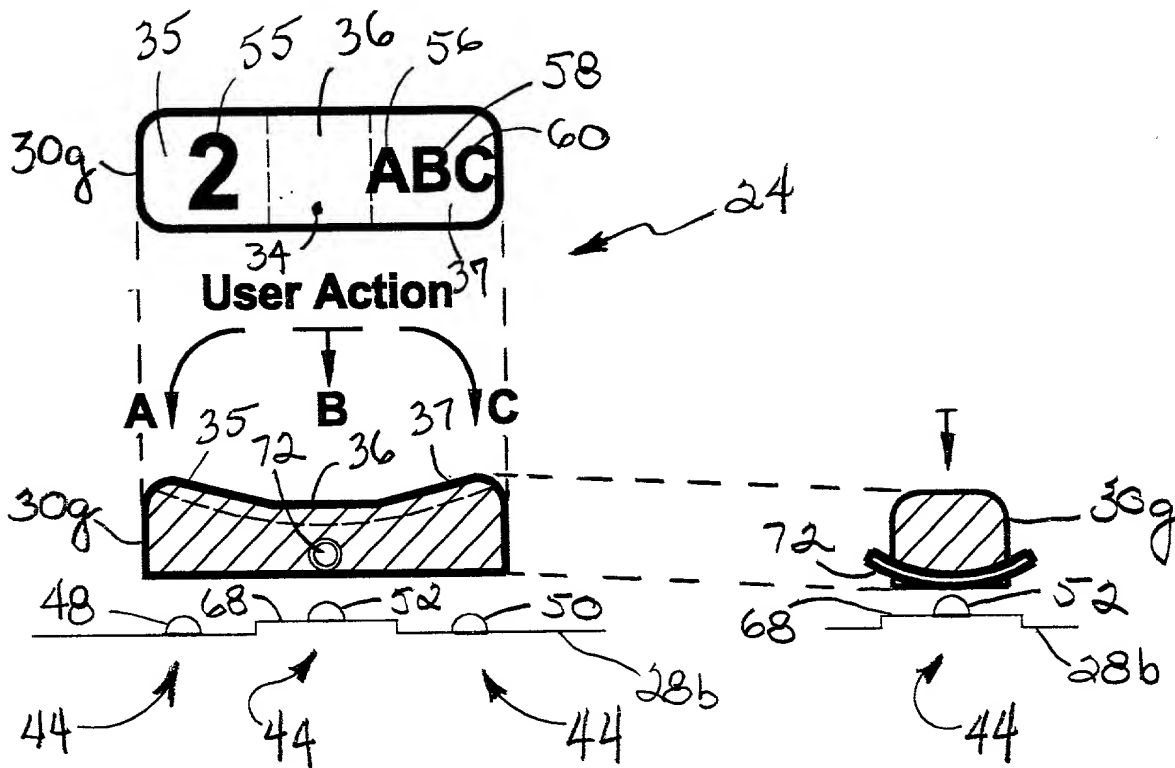


FIG. 4B

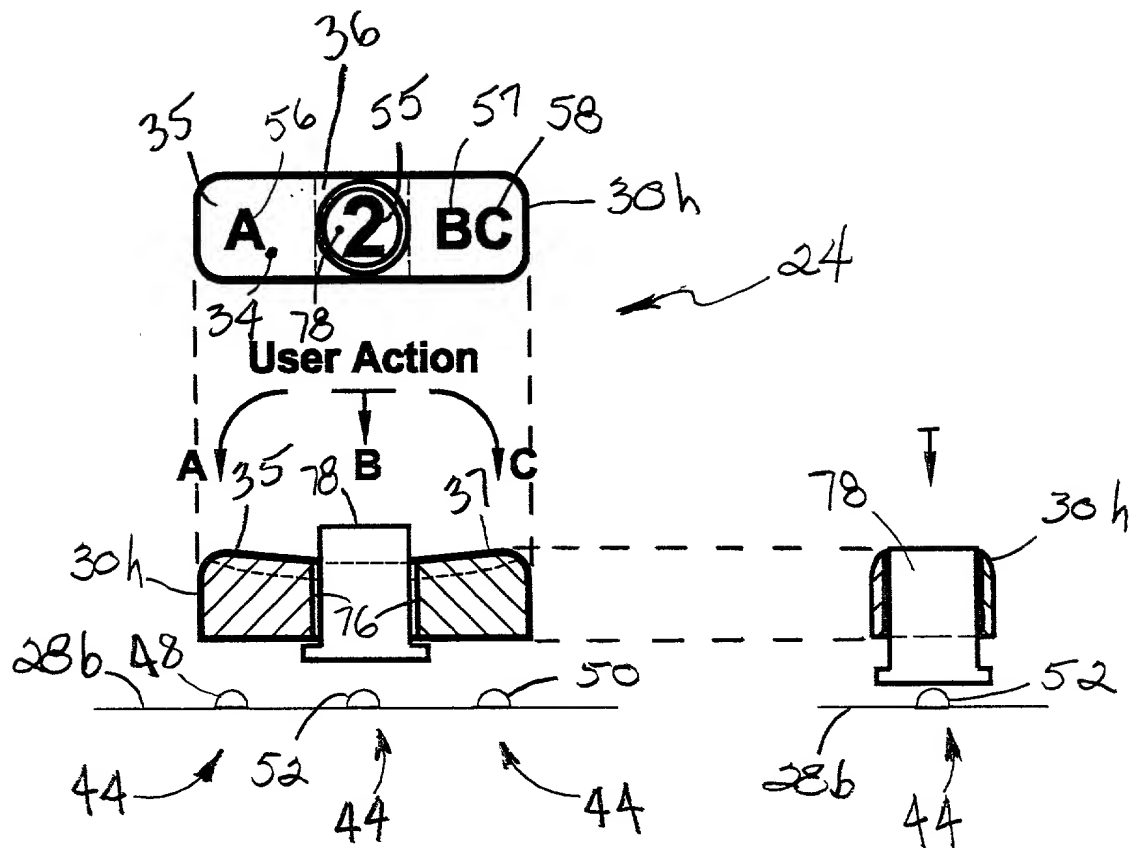


FIG. 4C

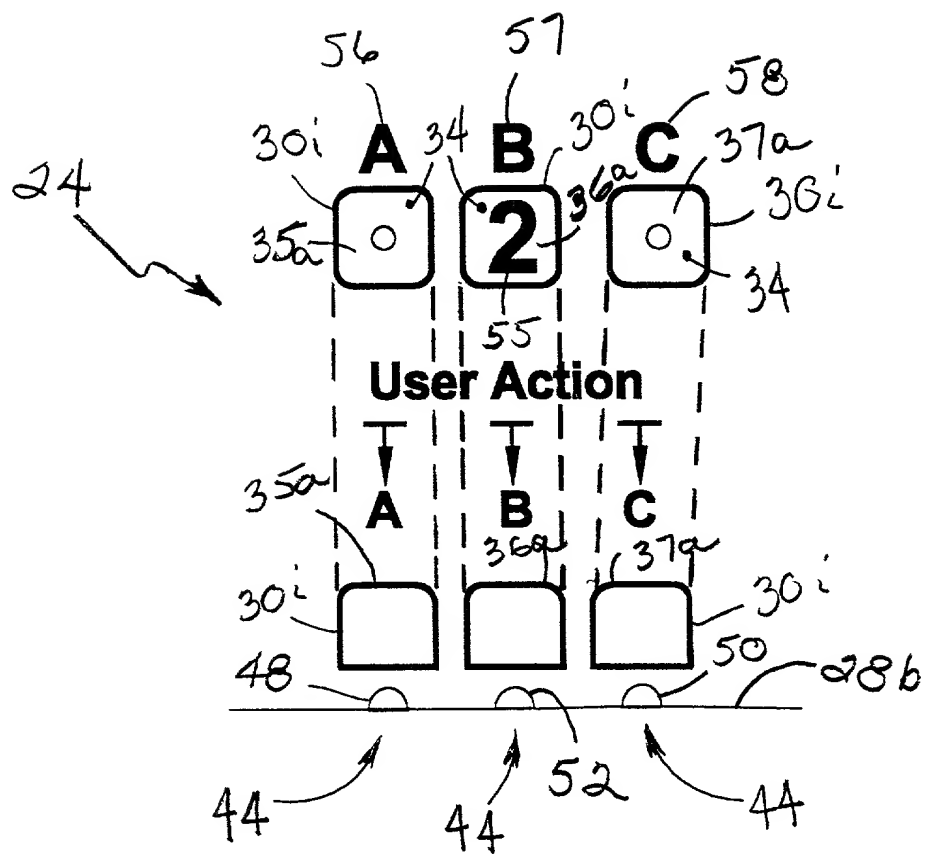


FIG. 4E

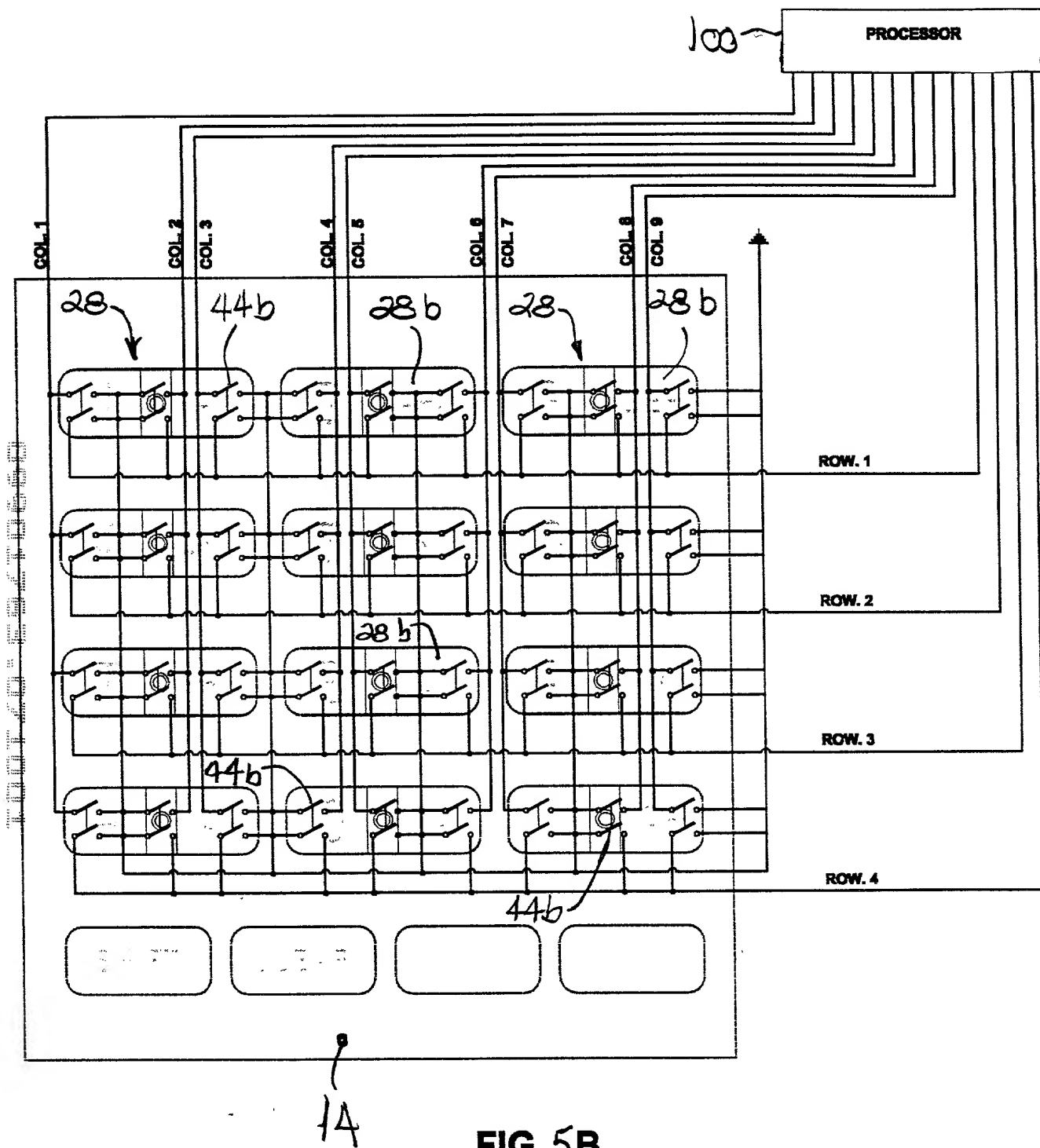
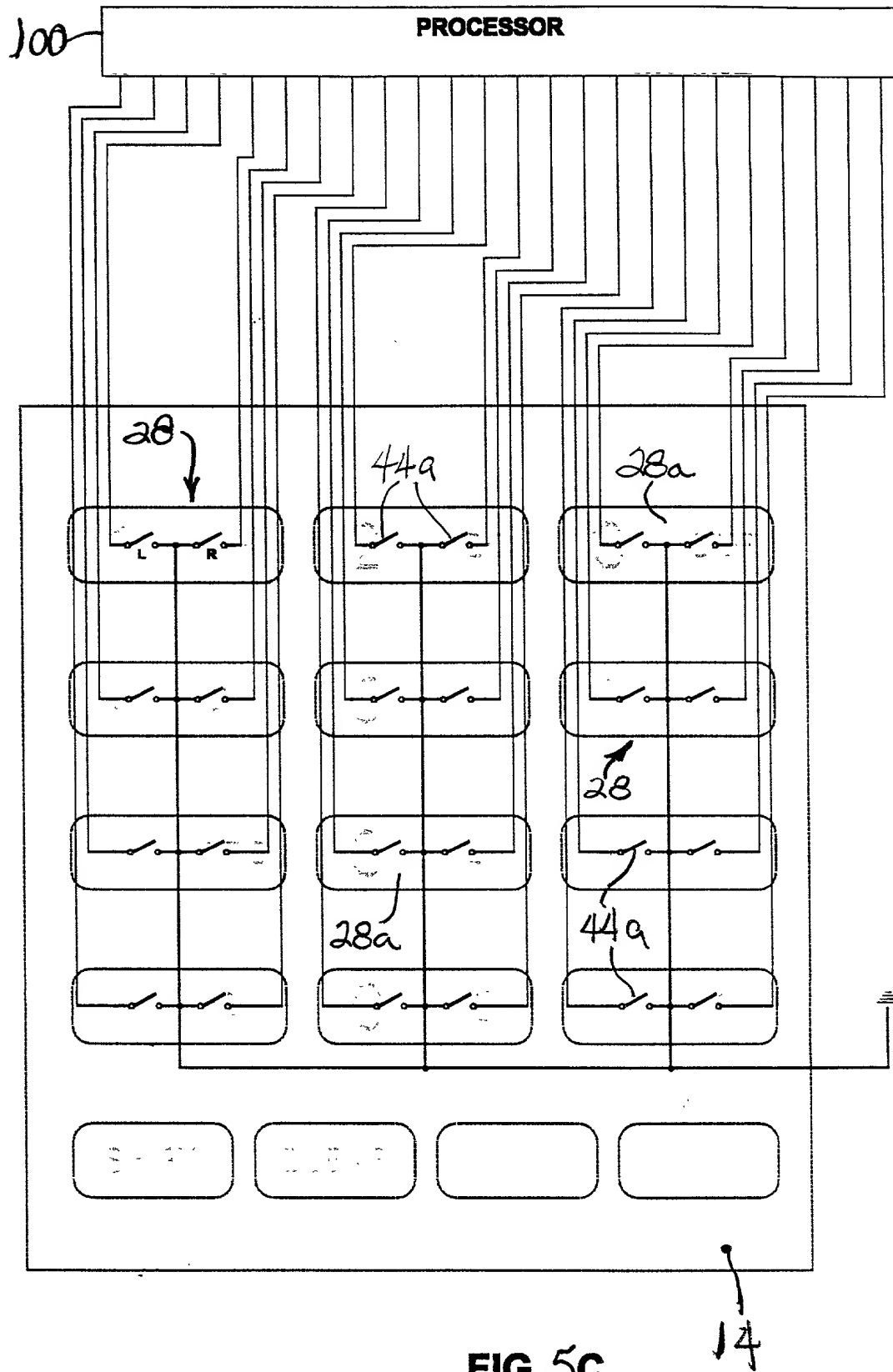
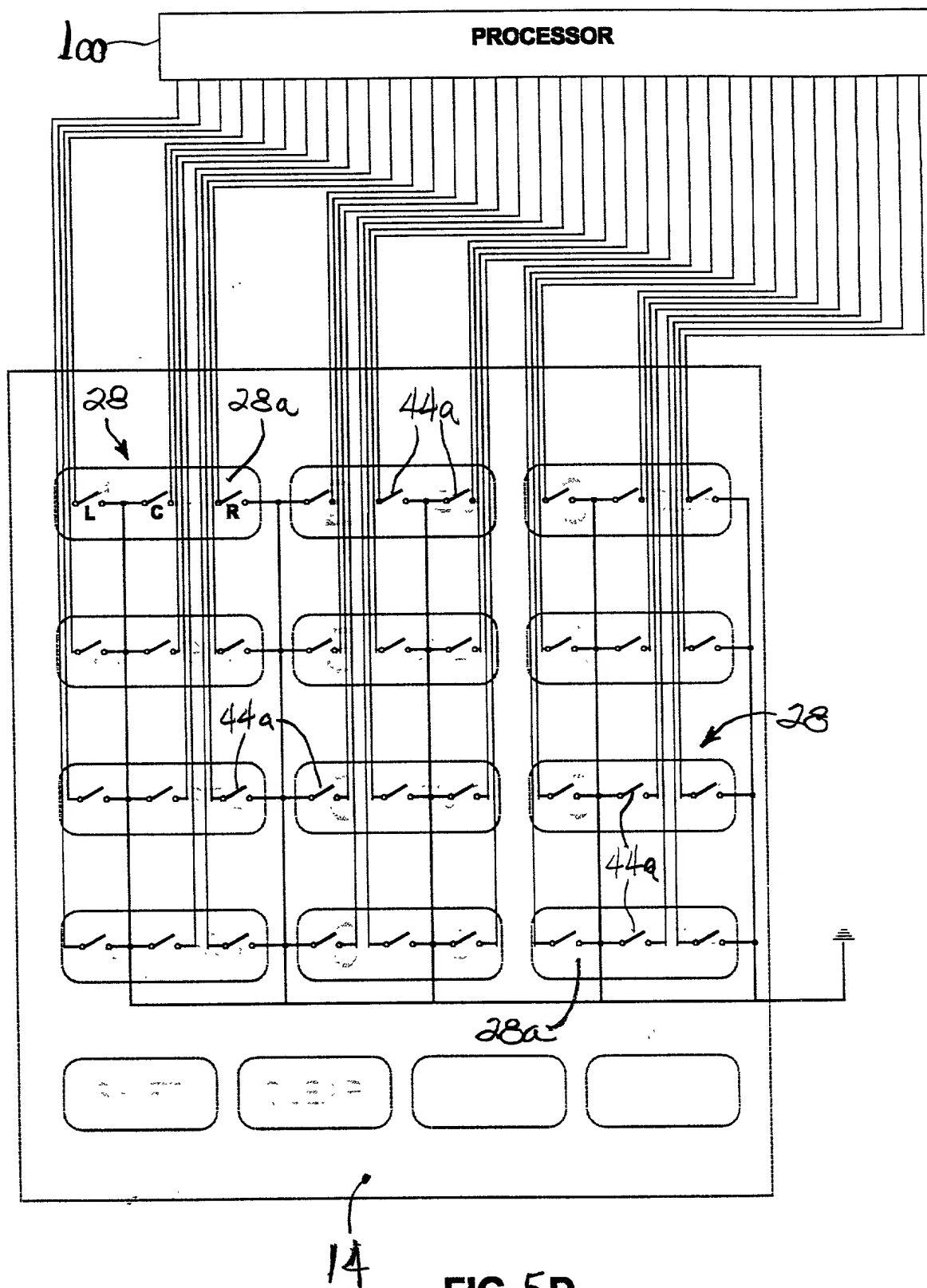


FIG. 5B

FIG. 5C



11042034350



		DISPLAY			
Button	Mode of operation	SHIFT Position	Action A	Action B	Action C
1	NUMERIC/SHIFT OFF		1	1	1
2	NUMERIC/SHIFT OFF		2	2	2
3	NUMERIC/SHIFT OFF		3	3	3
4	NUMERIC/SHIFT OFF		4	4	4
5	NUMERIC/SHIFT OFF		5	5	5
6	NUMERIC/SHIFT OFF		6	6	6
7	NUMERIC/SHIFT OFF		7	7	7
8	NUMERIC/SHIFT OFF		8	8	8
9	NUMERIC/SHIFT OFF		9	9	9
*	NUMERIC/SHIFT OFF		*	*	Shift On
0	NUMERIC/SHIFT OFF		0	0	0
#	NUMERIC/SHIFT OFF		#	#	#
1	ALPHA/SHIFT ON	SHIFT	+	-	/
2	ALPHA/SHIFT ON	SHIFT	A	B	C
3	ALPHA/SHIFT ON	SHIFT	D	E	F
4	ALPHA/SHIFT ON	SHIFT	G	H	I
5	ALPHA/SHIFT ON	SHIFT	J	K	L
6	ALPHA/SHIFT ON	SHIFT	M	N	O
7	ALPHA/SHIFT ON	SHIFT	P	R	S
8	ALPHA/SHIFT ON	SHIFT	T	U	V
9	ALPHA/SHIFT ON	SHIFT	W	X	Y
*	ALPHA/SHIFT ON	SHIFT	Q	*	Shift Off
0	ALPHA/SHIFT ON	SHIFT	\	@	SPACE
#	ALPHA/SHIFT ON	SHIFT	Z	#	•

Fig. 6A

		DISPLAY			
Button	Mode of operation	SHIFT Position	Action A	Action B	Action C
1	NUMERIC/SHIFT OFF		1	1	1
2	NUMERIC/SHIFT OFF		2	2	2
3	NUMERIC/SHIFT OFF		3	3	3
4	NUMERIC/SHIFT OFF		4	4	4
5	NUMERIC/SHIFT OFF		5	5	5
6	NUMERIC/SHIFT OFF		6	6	6
7	NUMERIC/SHIFT OFF		7	7	7
8	NUMERIC/SHIFT OFF		8	8	8
9	NUMERIC/SHIFT OFF		9	9	9
*	NUMERIC/SHIFT OFF		*	*	*
0	NUMERIC/SHIFT OFF		0	0	0
#	NUMERIC/SHIFT OFF		#	#	#
1	ALPHA/SHIFT ON	SHIFT	+	-	/
2	ALPHA/SHIFT ON	SHIFT	A	B	C
3	ALPHA/SHIFT ON	SHIFT	D	E	F
4	ALPHA/SHIFT ON	SHIFT	G	H	I
5	ALPHA/SHIFT ON	SHIFT	J	K	L
6	ALPHA/SHIFT ON	SHIFT	M	N	O
7	ALPHA/SHIFT ON	SHIFT	P	R	S
8	ALPHA/SHIFT ON	SHIFT	T	U	V
9	ALPHA/SHIFT ON	SHIFT	W	X	Y
*	ALPHA/SHIFT ON	SHIFT	Q	(*
0	ALPHA/SHIFT ON	SHIFT	\	@	SPACE
#	ALPHA/SHIFT ON	SHIFT	Z)	#

Fig. 6B

KEY PRESSED		INPUT RECEIVED	
		COLUMN	ROW
1	LEFT	1	1
	RIGHT	2	1
2	LEFT	3	1
	RIGHT	4	1
3	LEFT	5	1
	RIGHT	6	1
4	LEFT	1	2
	RIGHT	2	2
5	LEFT	3	2
	RIGHT	4	2
6	LEFT	5	2
	RIGHT	6	2
7	LEFT	1	3
	RIGHT	2	3
8	LEFT	3	3
	RIGHT	4	3
9	LEFT	5	3
	RIGHT	6	3
*	LEFT	1	4
	RIGHT	2	4
0	LEFT	3	4
	RIGHT	4	4
#	LEFT	5	4
	RIGHT	6	4

Fig. 7

Fig. 8

KEY PRESSED		INPUT RECEIVED	
		COLUMN	ROW
1	LEFT	1	1
	CENTER	2	1
	RIGHT	3	1
2	LEFT	4	1
	CENTER	5	1
	RIGHT	6	1
3	LEFT	7	1
	CENTER	8	1
	RIGHT	9	1
4	LEFT	1	2
	CENTER	2	2
	RIGHT	3	2
5	LEFT	4	2
	CENTER	5	2
	RIGHT	6	2
6	LEFT	7	2
	CENTER	8	2
	RIGHT	9	2
7	LEFT	1	3
	CENTER	2	3
	RIGHT	3	3
8	LEFT	4	3
	CENTER	5	3
	RIGHT	6	3
9	LEFT	7	3
	CENTER	8	3
	RIGHT	9	3
*	LEFT	1	4
	CENTER	2	4
	RIGHT	3	4
0	LEFT	4	4
	CENTER	5	4
	RIGHT	6	4
#	LEFT	7	4
	CENTER	8	4
	RIGHT	9	4

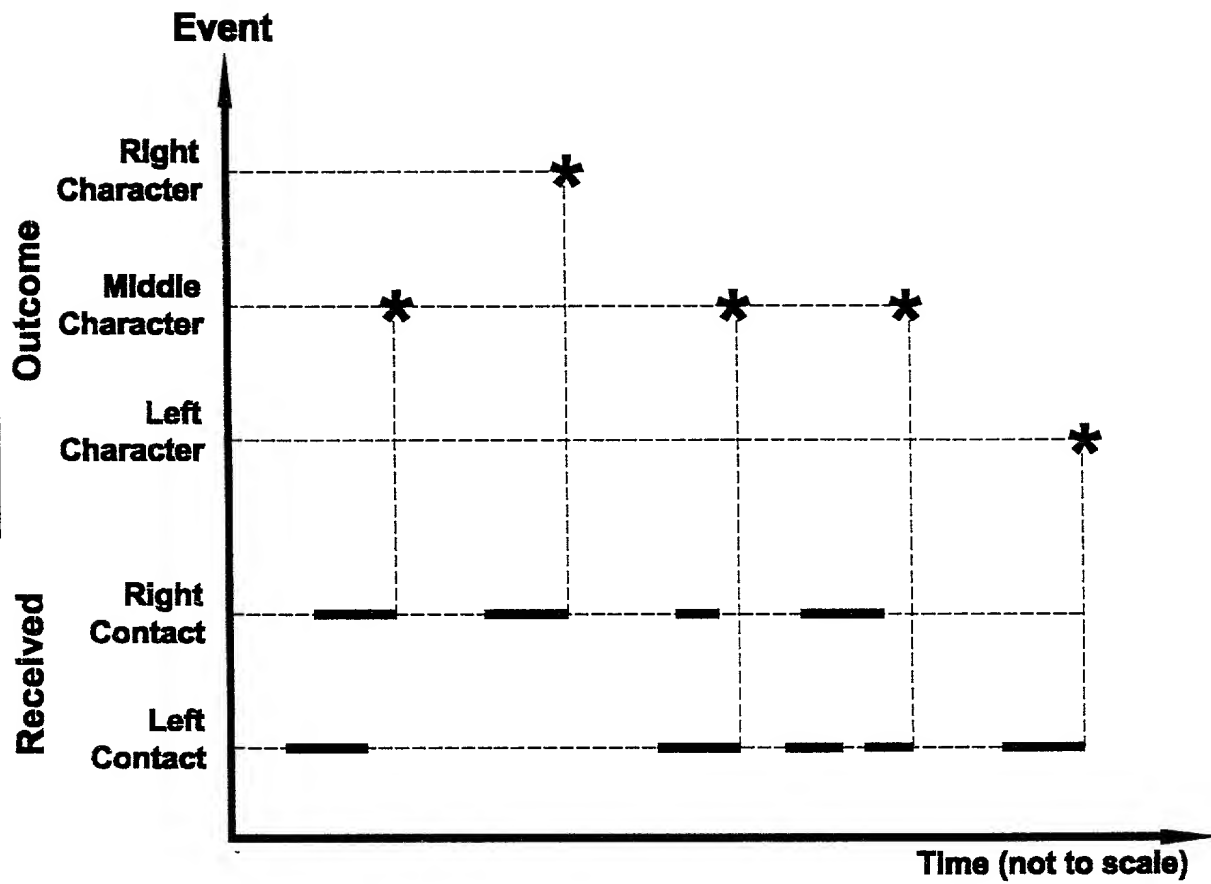


Fig. 9